



2°C~8°C

Ice-lined Refrigerator

2~8°C Ice-lined Refrigerator

Refrigeration System

- Optimized refrigeration system design
- Microprocessor control
- Built-in ice packs maintain 2°C to 8°C for 25 hours at 43°C ambient
- CFC-free high density foam insulation
- Complied with WHO/UNICEF standards



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Temperature Control

- Digital temperature display
- Adjustable control range of 2°C to 8°C
- Power On/Off

Ergonomic Design

- Door lock for storage safety stainless steel interior for ease of cleaning and corrosion proof



Inside structure



Lock



Controller



Stabilizer(Optional)



Model	HBC-70	HBC-110	HBC-200	
Liters	Vaccine Storage Capacity	45L	52.5L	94.5L
	Gross Volume	71L	110L	198L
Net/Gross Weight		64/70 (kg)	87/93 (kg)	108/114 (kg)
		141.0/154.3 (lbs)	191.8/205.0 (lbs)	238.1/251.3 (lbs)
Ambient Temp.	5°C-43°C	5°C-43°C	5°C-43°C	
Compressor	Secop compressor	Secop compressor	Secop compressor	
Refrigerant	R134a	R134a	R134a	
Interior Dimensions(W*D*H)		400*360*610(mm)	595*360*610(mm)	976*336*610(mm)
		15.7*14.2*24.0 (in)	23.4*14.2*24.0 (in)	38.4*13.2*24.0 (in)
Exterior Dimensions(W*D*H)		673*663*818(mm)	860*660*818(mm)	1243*633*818(mm)
		26.5*26.1*32.2 (in)	33.9*26.0*32.2 (in)	48.9*24.9*32.2 (in)
Packing Dimensions(W*D*H)		755*760*880(mm)	950*760*880(mm)	1325*760*880(mm)
		29.7*29.9*34.6 (in)	37.4*29.9*34.6 (in)	52.2*29.9*34.6 (in)
Container Load (sets)20'/40'/40'H	42/90/135	36/72/108	24/54/80	
Holdover Time at 43°C	more than 25hrs	more than 36hrs	more than 25hrs	
Power Consumption: stable running	0.64	1.2	1.34	
Power Consumption: cool down test	2.4	1.28	4.01	
Certificate	CE:WHO/PQS	CE:WHO/PQS	CE:WHO/PQS	

Leading Professional Vaccine Refrigerator In China, Certified by Per WHO and Listed in WHO Purchase List.

The refrigerators are designed to store vaccine, pharmaceuticals, blood and so on. Applications could be found in epidemic prevention, clinics, hospitals, blood banks, research institutes etc.

In 2008, Haier won the tender of India MOHFW to supply 5900 units Ice Lined Refrigerator.

In 2010, Haier won the tender of India MOHFW to supply 11922 units Ice Lined Refrigerator.

In 2010, Haier got the WHO order to supply 100 units Ice Lind Refrigerator.

In 2011, Haier got the LTA of Ice Lined Refrigerator and Vaccine Freezer. Haier becomes the Long term supplier of UNICEF.

● Refrigeration System

- Microprocessor control
- CFC-free polyethylene insulation
- Superior refrigeration effect with an optimized evaporator and condenser design
- Single-deck inner, built-in ice packs can keep the chamber temperature at a range of 2°C-8°C for up to 25 hours at an ambient temperature within 43°C in the case of power failure, within ice-packs fully infused
- WHO/UNICEF standard compliant
- Ambient temperature: 10°C-43°C

● Temperature Control

- Power on/off indicator
- Digital display
- Cabinet temperature range 2°C-8°C

● Ergonomic Design

- Door lock to prevent unauthorized access
- Stainless steel interior liner, clean and convenient to use
- Drainage system for easy cabinet cleaning



Inside structure



Lock



Microprocessor control panel

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Model	HBC-70	HBC-200	HBC-340
Vaccine storage capacity	45L	90L	200L
Gross volume	71L	198L	340L
Gross Weight(kg)	70	115	165
Ambient temperature	10°C-43°C	10°C-43°C	10°C-43°C
Compressor	Danfoss compressor	Danfoss compressor	Danfoss compressor
Refrigerant	R134a	R134a	R134a
Exterior Dimension (mm) (W×D×H)	610×406×360	610×976×366	1644×650×846
Packing Dimension (mm) (W×D×H)	880×756×760	880×1325×760	1764×770×1046
Container load (sets)20'/40'/40H	42/90/135	24/54/81	18/36/36
Holdover time at 43°C	>27H	>31H	>37H
Power consumption:stable running	0.64 KWh/24h	1.34 KWh/24h	2.86KW.h/24h
Power consumption:cool down test	2.4 KWh/24h	4.01 KWh/24h	4.32KW.h/24h

2~8°C Solar Driven Vaccine Refrigerator



The solar driven vaccine refrigerator is designed to store vaccine without any access to a power source. Solar panels provide the necessary power and the icepack compartment maintains a proper temperature for days even without sunshine. The temperature is controlled and maintained via self-regulating convection between icepack compartment and vaccine compartment.



- 1 Holdover time: 119 hours
- 2 Autonomy time: 135 hours



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EXTERNAL DIGITAL DISPLAY

The current temperature is displayed through the solar driven digital display. There is no need for daily adjustment, as the entire system has been calibrated before delivery from the factory and it is self-regulating.



Specification

Model	HTC-60
Vaccine Storage Capacity(Litres)	21
Gross Capacity(Litres)	60
Ambient Temperature	10°C-32°C
Temperature Range	2°C-8°C
Autonomy Time at 32°C	135 Hrs
Hold Over Time During Power Cut	119 Hrs
Solar Panel Required(Premium)	Min. 240 Watt
Basket	2
Interior Dimensions(W*D*H)	240*445*610 (mm) 9.4*17.5*24.0 (in)
Exterior Dimensions(W*D*H)	788*654*875 (mm) 31.0*25.7*34.4 (in)
Packing Dimensions(W*D*H)	865*780*1030 (mm) 34.1*30.7*40.6 (in)
Solar Panel (H*W)	1300*700 (mm) 51.2*27.6 (in)
Net/Gross Weight	78/98 (Kg)
Container Load(20'/40'/40'H)	172.0/216.1 (lbs) 36/78/78